

Sub
a2

comprising:

means for examining a data item access state in said program; and

an analyzer for analyzing association relationships between processes and data items based on said data item access state, each said process being at least one of a program, a set of programs and a program section.

Sub
b1

2. The system analysis apparatus of claim 1, wherein said analyzer comprises:

means for quantifying the types of accesses to the data items and the number of accesses, which are included in said data item access state, and generating the quantified data item access state data.

3. The system analysis apparatus of claim 2, wherein said analyzer further comprises:

means for correcting said quantified data item access state data according to an external requirement including a system design requirement.

4. The system analysis apparatus of claim 3, wherein said analyzer further comprises:

means for collecting processes that access to a data item satisfying a predetermined condition in said quantified data item access state data.

Sub
a3

5. The system analysis apparatus of claim 4, wherein said analyzer further comprises:

means for presenting at least one of a partitioning pattern of the data items and a division pattern of the processes, using the quantified data item access state data and the collected process information.

6. The system analysis apparatus of claim 5, further comprising:

means for presenting a process interface in the presented division pattern of the processes.

7. A system analyzing method, for analyzing a system containing one or a plurality of programs, comprising the steps of:

examining a data item access state in the program; and

14. The storage medium of claim 13, wherein said analyzing step comprises a step of:

quantifying the types of accesses to the data items and the number of accesses, which are included in said data item access state, and generating the quantified data item access state data.

15. The storage medium of claim 14, wherein said analyzing step further comprises a step of:

correcting said quantified data item access state data according to an external requirement including a system design requirement.

16. The storage medium of claim 15, wherein said analyzing step further comprises a step of:

collecting processes that access to a data item satisfying a predetermined condition in said quantified data item access state data.

17. The storage medium of claim 16, wherein said analyzing step further comprises a step of:

presenting at least one of a partitioning pattern of the data items and a division pattern of the processes, using the quantified data item access state data and the collected process information.

18. The storage medium of claim 11, wherein said analysis program causes said computer to further execute a step of:

presenting a process interface in the presented division pattern of the processes.